

PCW



Attorney Docket No.: 42P17412

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Patent Application of:

Steven K. Reinhardt et al.

Application No.: 10/749,618

Filed: December 30, 2003

For: BUFFERING UNCHECKED STORES FOR
FAULT DETECTION IN REDUNDANT
MULTITHREADING SYSTEMS USING
SPECULATIVE MEMORY SUPPORT

Examiner: ***

Art Unit: 2184

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 together with copies of any foreign patent and/or non-patent literature documents cited thereon. It is respectfully requested that the cited documents be considered, and that the enclosed copy of Information Disclosure Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant.

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
By: <u>Anne Collette</u> Anne Collette	Date: <u>July 11, 2005</u>

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

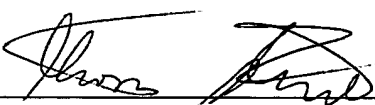
- X 37 C.F.R. §1.97(b).
- 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:
- A statement pursuant to 37 C.F.R. §1.97(e) or
- A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).
- 37 C.F.R. §1.97(d). If so, then enclosed with this Information Disclosure Statement are the following:
- (1) A statement pursuant to 37 C.F.R. §1.97(e); and
 - (2) A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

If there are any charges due, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: July 11, 2005



Thomas S. Ferrill
Reg. No. 42,532

12400 Wilshire Blvd.
Seventh Floor
Los Angeles, CA 90025-1030
(408) 720-8300

(use as many sheets as necessary)

~~JUL 14 2005~~

of

1

10/749.618

December 30, 2003

Steven K. Reinhardt

2184

42P17412

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		European Patent Office, International Search Report and Written Opinion for International Application No. PCT/US2004/043685, 15 pages, 23 May 2005.	
		ROTENBERG, ERIC, "AR-SMT: A Microarchitectural Approach to Fault Tolerance in Microprocessors," Proceedings of the 29 th Annual International Symposium on Fault-Tolerant Computing, IEEE Computer Society, pp. 84-91, 15 June 1999.	
		REINHARDT, STEVEN K. et al., "Transient Fault Detection via Simultaneous Multithreading," Computer Architecture News, Vol. 28, No. 2, pp. 25-36, May 2000.	

Examiner
Signature

Date Considered

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.